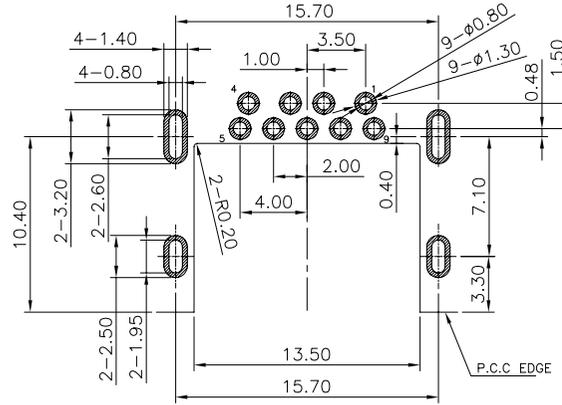
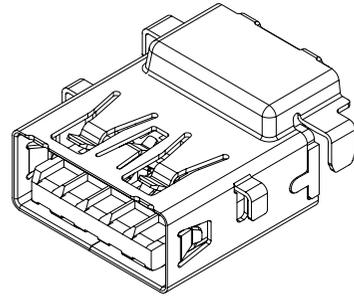
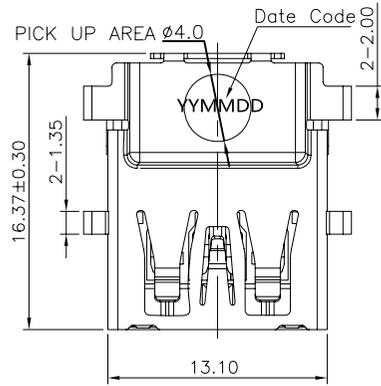
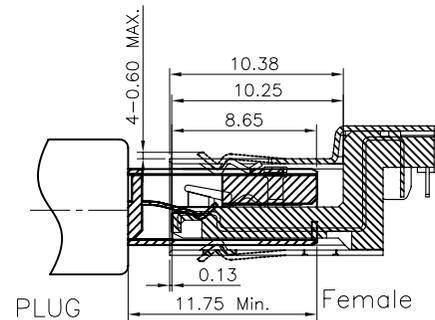
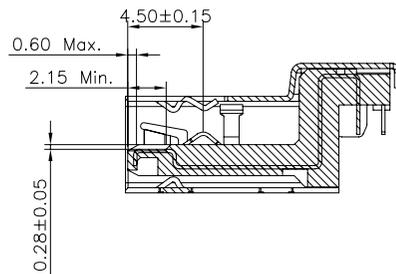
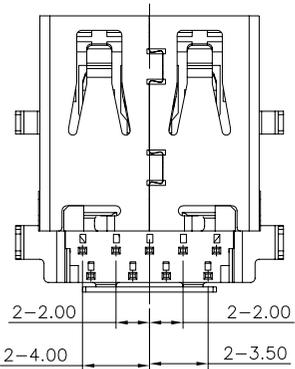
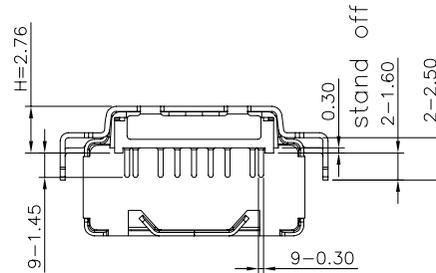
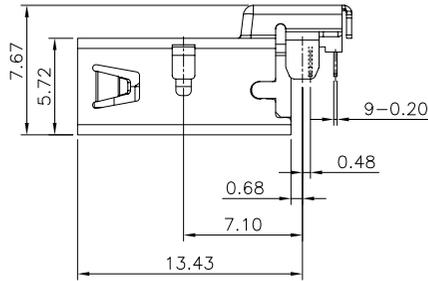
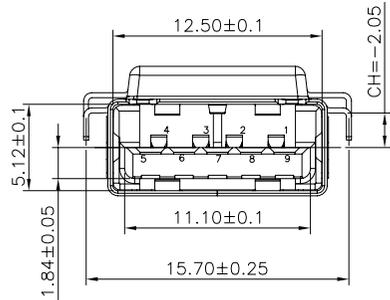


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Recommended PCB Layout THK=1.2mm



NOTE:

1. MATERIAL:

- 1.1 INSULATOR: PA9T BLACK
- 1.2 CONTACT: 4P C5191 T=0.20mm
- 1.3 CONTACT: 5P C2680 T=0.20mm
- 1.4 SHELL:SUS 304

2. ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE: 30mΩ MAX
- 2.2 CONTACT CURRENT RATING: 1.8A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 V R. M. S.
- 2.4 INSULATION RESISTANCE 100 MΩ MIN
- 2.5 OPERATING TEMPERATURE: -40° C ~ 85° C

3. MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE: 30 N MAX.
- 3.2 REMOVAL FORCE: 10N ~ 20N; 8N Min AFTER TEST
- 3.3 DURABILITY: MANDATORY: 5,000 CYCLES
- 3.4. SALT SPRAY 48HR PASS.
- 5. INSERTION FORCE OF CONN INTO PCB 2kgf MAX.

6. PLATING

6.1 TERMINAL:

- 80u" MIN NICKEL ALL OVER
- 100u" MIN Tin ON SOLDER AREA
- 1u" Au ON CONTACT AREA

6.2 SHELL: 50u" MIN. NICEL ALL OVER

9. PART NO.

N3A-F B205 D R 9 A 3-06 XX

1 2 3 4 5 6 7 8 9 10

- 1.N3A:USB 3.0 A TYPE
- 2.F:FEMALE M:MALE
- 3.B205=中心高-2.05mm
- 4.D:DIP S:SMT
- 5.R:90° V:180°
- 6.L:LCP 9:9T 6:6T P:66
- 7.COLOR A:黑色 W:白色 B:蓝色
- 8.1:青蛙脚 2:鱼叉脚 3:直角
- 9.TYPE码:
- 10.Contact Area plating on contacts
- 01: G/F 03: Au 3u"
- 05: Au 5u" 10: Au 10u"
- 15: Au 15u" 30: Au 30u"

USB 3.0 PIN ASSIGNMENTS

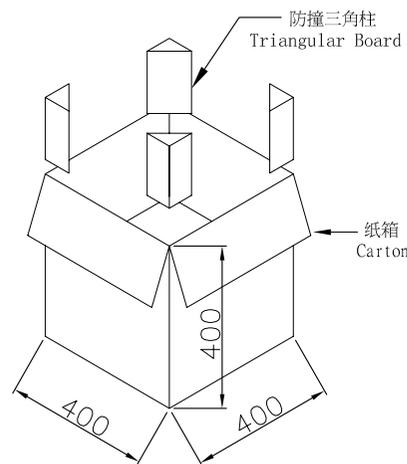
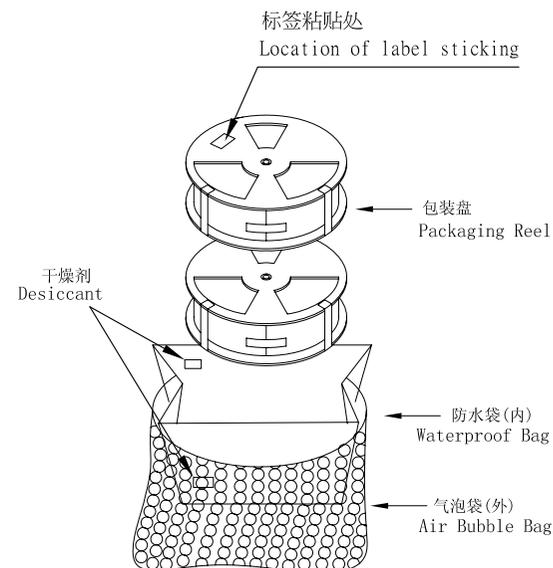
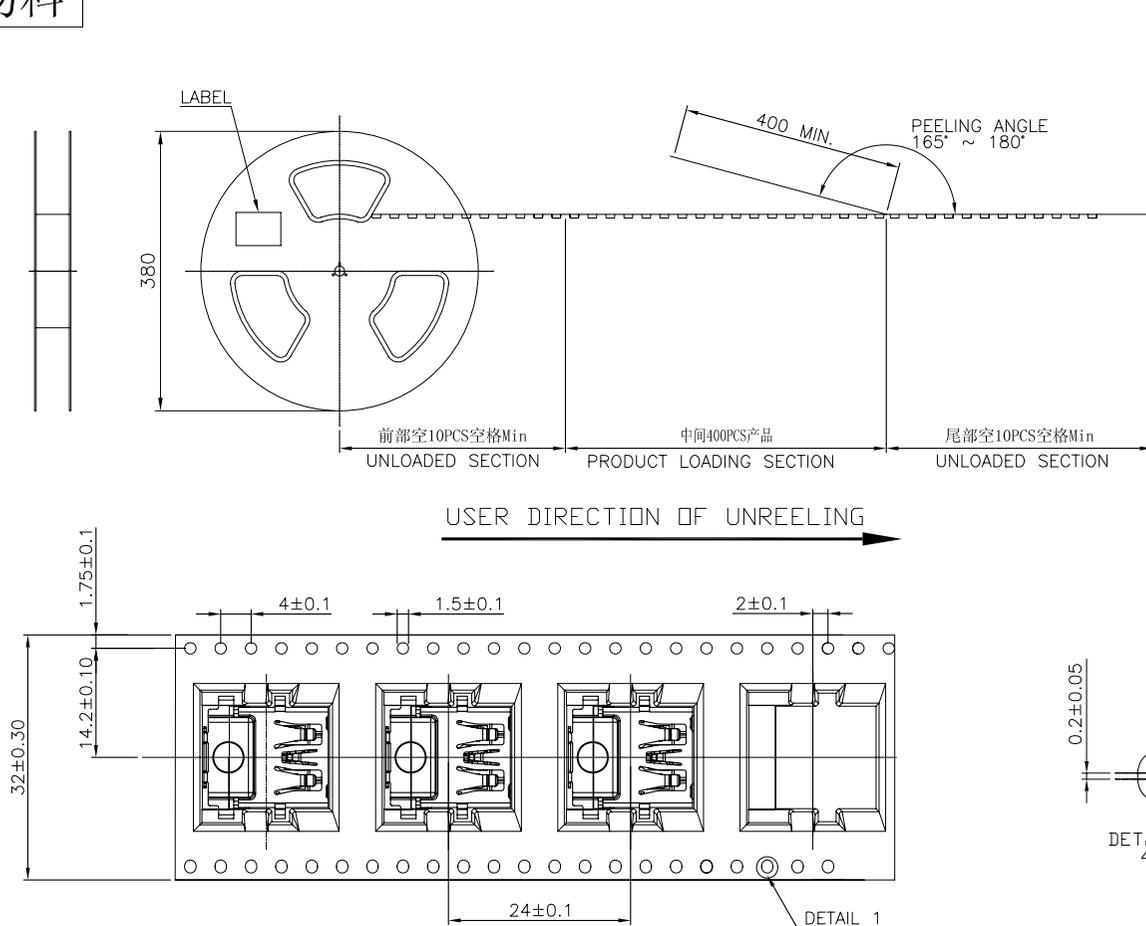
Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SS	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SS		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST

一般公差 GENERAL TOLERANCE					绘图 DR.	李兴泽	料号 PART NO.	文件编号 NUMBER
X.X ±0.30	X' ±2*	校对 CHK.	董东平	X.XX ±0.20	X.X' ±1*	审核 CHK.	N3A-FB205DR9A3-06XX	ENDPT01
X.XXX ±0.10	▲ MAJOR DIM.	核准 APPD.	杨章雄	单位 UNIT	mm	核准 APPD.	品名 TITLE	USB 3.1 AF RVS CH=-2.05 H2.76
A0	21.06.15	新图面发行	董东平	杨章雄			L=16.37 Gen2	
版次 REV.	日期 DATE	变更内容 DESCRIPTION	审核 CHK.	核准 APPD.				

JGTC ®		
TERMINAL&CONNECTORS		
比例 SCALE	SHEET	版次 REV.
1/1	1/1	A0

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RoHS
HF



NOTE:

1. MATERIAL:

BOX: FIBRE BOARD, CORRUGATED, DOUBLE WALL (K=K).
 TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, TRANSPARENT OR BLACK COLOR.
 REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.
 BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.

2. PEELING STRENGTH: 0.2~1.0N (20~100gf)
3. PEELING SPEED: 300 mm/min.
4. EACH BAG SHALL BE INCLUDED DESICCANT.

400	10	4000 PCS	-- KG	--KG
PCS/ REEL	REELS/ CARTON	QUANTITY	GROSS WEIGHT	NET WEIGHT

					一般公差 GENERAL TOLERANCE		绘图 DR.		李兴泽		料号 PART NO.		文件编号 NUMBER		 TERMINAL&CONNECTORS		
					X.X ±0.30	X' ±2°	校对 CHK.		董东平		N3A-FB205DR9A3-06XX		ENDPT01				
					X.XX ±0.20	X.X' ±1°	审核 CHK.		董东平		品名 TITLE		USB 3.1 AF RVS CH=-2.05 H2.76		比例 SCALE	SHEET	版次 REV.
					X.XXX ±0.10	▲ MAJOR DIM.	核准 APPD.		杨章雄		L=16.37 Gen2		1/1	1/1	A0		
A0	21.06.15	新图面发行	董东平	杨章雄	单位 UNIT	mm											